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(54) Title: PORCINE NUCLEAR TRANSFER (57) Abstract A process for the production of nuclear transferred porcine embryonic cells which includes providing a porcine oocyte at the Metaphase II stage of development from which the nucleus is removed, transferring a porcine karyoplast at the G0 or G1 state into the oocyte to give a nuclear transferred porcine embryonic cell and optionally culturing the nuclear transferred cell <i>in vitro</i> to allow one or more cell divisions to give a plurality of nuclear transferred porcine embryonic cells is disclosed. Also disclosed is a process for the clonal generation or propagation of pigs which process includes providing a porcine oocyte at the Metaphase II stage of development from which the nucleus is removed, transferring a porcine donor karyoplast at the G0 or G1 state into the oocyte to give a nuclear transferred porcine embryonic cell, and thereafter culturing the nuclear transferred cell <i>in vitro</i> to allow one or more cell divisions to give a plurality of nuclear transferred porcine embryonic cells, and thereafter transferring a plurality of porcine embryonic cells so produced into a pregnancy competent uterus of a female pig which at conclusion of the pregnancy term gives rise to one or more genetically identical off-spring.		